

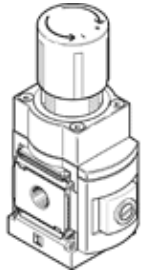
Precision pressure regulator

MS6N-LRP-1/2-D7-A8

Part number: 538051

FESTO

Indirectly controlled regulators, working pressure up to 12 bar.



Data sheet

| Feature | Value |
|---|--|
| Size | 6 |
| Series | MS |
| Actuator lock | Rotary knob with lock |
| Assembly position | Any |
| Design structure | Piloted precision diaphragm regulator |
| Controller function | Output pressure constant with secondary exhaust |
| Pressure gauge | Prepared for G1/8 |
| Operating pressure MPa | 0.1 ... 1.4 MPa |
| Working pressure | 1 ... 14 bar |
| Pressure regulation range | 0.1 ... 12 bar |
| Max. pressure hysteresis | 0.02 bar |
| Flow rate, secondary venting | ≥ 900 l/min |
| Standard nominal flow rate | ≥ 5,000 l/min |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases |
| Note on operating and pilot medium | Lubricated operation not possible |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B2-L |
| Storage temperature | -10 ... 60 °C |
| Medium temperature | -10 ... 60 °C |
| Ambient temperature | -10 ... 60 °C |
| Product weight | 1,000 g |
| Mounting type | Front panel installation Line installation with accessories Optional |
| Pneumatic connection, port 1 | 1/2 NPT |
| Pneumatic connection, port 2 | 1/2 NPT |
| Pneumatic connection, port 3 | G1/4 |
| Materials note | Conforms to RoHS |
| Material seals | NBR |
| Material housing | Aluminum |